MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ABB

TU531

I/O TERMINAL BASE UNIT

Used with the applicable S500 I/O for AC500 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: ABB PLC Automation Catalog 3ADR020077C0204 Rev. H

AC500
Ordering data

Terminal units
For digital and analog extension modules and interface modules. Please note: for modules with relay outputs, terminal units for 230 V AC (TU531 / TU532) are required.

For	Supply	Connection type	Type	Order code	Weight (1 pce) kg
Ethernet communication interface modules	24 V DC	Screw	TU507-ETH	1SAP214200R0001	0.223
		Spring	TU508-ETH	1SAP214000R0001	0.168
Ethernet gateway modules	24 V DC	Spring	TU520-ETH	1SAP214400R0001	0.147
CANopen / PROFIBUS DP (1) communication interface modules	24 V DC	Screw	TU517	1SAP211400R0001	0.239
		Spring	TU518	1SAP211200R0001	0.161
PROFIBUS DP / CANopen communication interface modules	24 V DC	Screw	TU509	1SAP211000R0001	0.216
		Spring	TU510	1SAP210800R0001	0.159
I/O modules	24 V DC	Screw	TU515	1SAP212200R0001	0.232
		Spring	TU516	1SAP212000R0001	0.159
I/O modules AC / relay	230 V AC	Screw	TU531	1SAP217200R0001	0.238
		Spring	TU532	1SAP217000R0001	0.164
High current I/O module (DO526)	24 V DC	Screw	TU541	1SAP213000R0001	0.240
	24 V DC	Spring	TU542	1SAP213200R0001	0.163
CS31 interface modules	24 V DC	Screw	TU551-CS31	1SAP210600R0001	0.236
		Spring	TU552-CS31	1SAP210400R0001	0.159

(1) TU517/TU518 Terminal units can also be used with PROFIBUS DP CI54x modules up to 1 Mbit/s.


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TU515


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TU520-ETH


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TU510


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TU518


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TU508-ETH

AC500
Ordering data

Terminal units compatibility

Type	For I/O modules			For communication interface modules				
	TU515 TU516 TU516-H	TU541 TU542 TU542-H	TU531 TU532 TU532-H	TU507-ETH TU508-ETH	TU509 TU510	TU517 TU518	TU520-ETH	TU551-CS31 TU552-CS31
DA501	●							
DA502	●							
DC522	●							
DC523	●							
DC532	●							
DI524	●							
DX522			●					
DX531			●					
DO524	●							
DO526		●						
CD522	● (2)							
AC522	●							
AI523	●							
AI531	●							
AO522	●							
AO523	●							
AX521	●							
AX522	●							
DC551-CS31								●
CI592-CS31								●
CI501-PNIO				●				
CI502-PNIO				●				
CI504-PNIO							●	
CI511-ETHCAT				●				
CI512-ETHCAT				●				
CI521-MODTCP				●				
CI522-MODTCP				●				
CI541-DP					●	● (1)		
CI542-DP					●	● (1)		
CI581-CN					●	●		
CI582-CN					●	●		

(1) Can be used with baud rate up to 1 Mbaud.
(2) CD522 cannot be used on TU516-H.